

In the Abstract:

Please replace the abstract with the following abstract:

A method and system for performing a requested job. The system includes multiple processing servers and a management server. Each processing server executes an assigned program for performing the requested job. An execution direction, which identifies each of the multiple programs and an execution order for their execution (including identification of a first program to be executed), is generated. The management server sends to a first processing server the execution direction and input data. The first processing server: executes the first program using the input data, resulting in updating the input data; sends to the management server an inquiry for identification information that identifies a second processing server to execute a second program included in the execution direction; receives the identification information from the management server; and sends to the second processing server the execution direction and the updated input data for subsequent execution of the second program.